



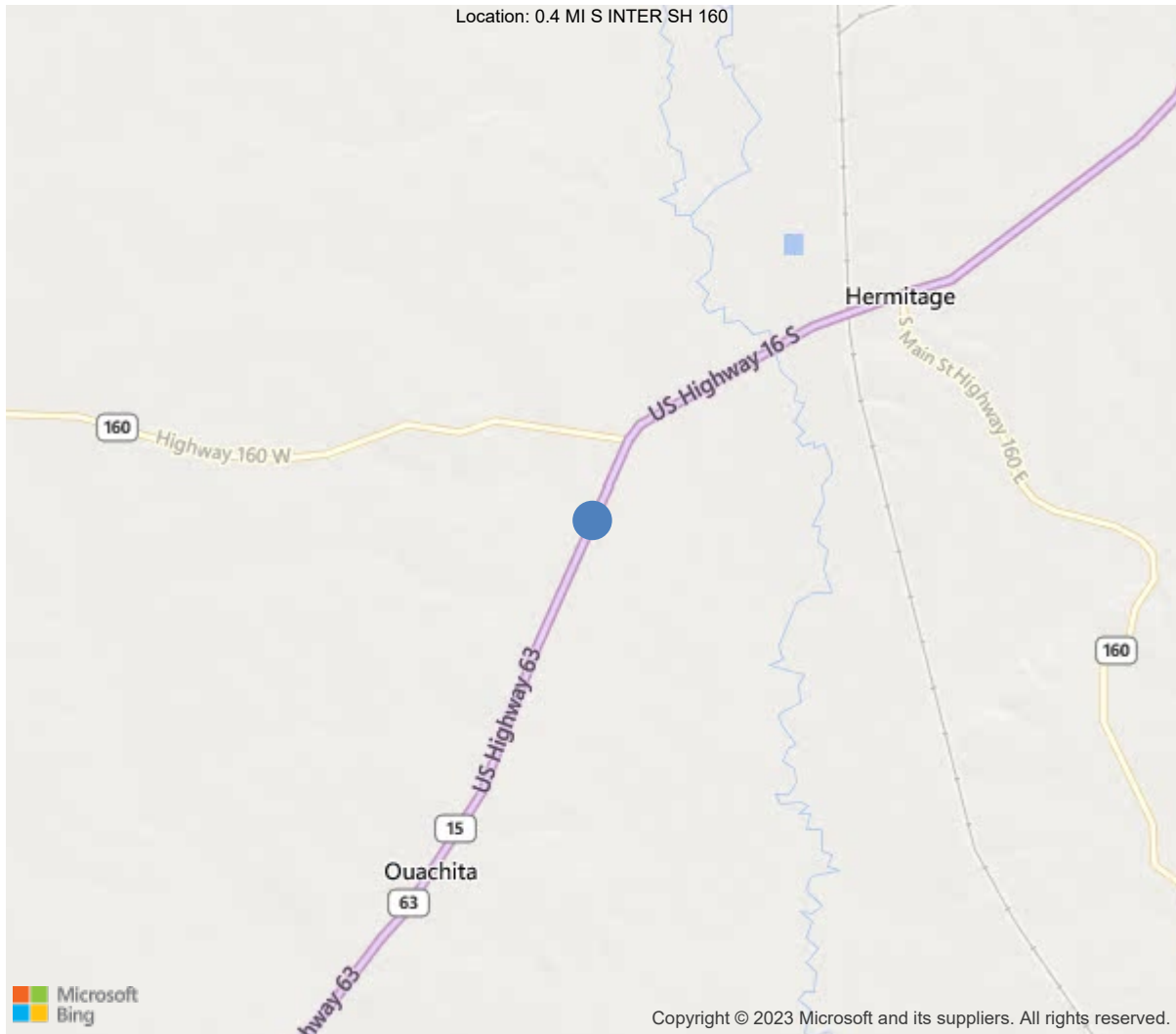
Latitude:33.42884, Longitude:-92.20135

Route:63 Section:17 Log:14.62

Arnold Road ID:6x63x17xA, Arnold Log mile:14.522

District 07, 11 - Bradley County

Owner: 1 - State Highway Agency



33.42884, -92.20135



Asset #06530(Routine)

US 63 S-17 LM14.62 over BRANCH L'AIGLE CR

Location: 0.4 MI S INTER SH 160

Team Lead: Rickie Bratton, Inspection Date: 08/11/2022

IDENTIFICATION	
(1) State Names	5 - Arkansas
(8) Structure Number	06530
(5) Inventory Route	1
(2) Highway Agency District	07 - District 07
(3) County Code	11 - Bradley County
(4) Place Code	0
(6) Features Intersected	BRANCH L'AIGLE CR
(7) Facility Carried	US 63 S-17 LM14.62
(9) Location	0.4 MI S INTER SH 160
(11) Mile Point	14.62 mi
(12) Base Highway Network	Yes
(13) LRS Inventory Rte & Subrte	0000063170
(16) Latitude	33.4288369957322
(17) Longitude	-92.2013474837939
(98) Border Bridge State Code	
(99) Border Bridge Structure No.	
STRUCTURE TYPE AND MATERIAL	
(43) Main Structure Type	14
Material	1 - Concrete
Type	4 - Tee beam
(44) Approach Structure Type	00
Material	0 - Other
Type	0 - Other
(45) No. of Spans in Main Unit	3
(46) No. of Approach Spans	0
(107) Deck Structure Type	1 - Concrete Cast-in-Place
(108) Wearing Surface/Protective System	
Type of Wearing Surface	1 - Monolithic Concrete (concurrently pl
Type of Membrane	0 - None
Type of Deck Protection	9 - Other
AGE AND SERVICE	
(27) Year Built	1994
(106) Year Reconstructed	0
(42) Type of Service	15
On	1 - Highway
Under	5 - Waterway
(28) Lane	
On	2
Under	0
(29) Average Daily Traffic	1397
(30) Year of ADT	2018
(109) Truck ADT	1 %
(19) Bypass, Detour Length	15 mi
GEOMETRIC DATA	
(48) Length of Maximum Span	25 ft
(49) Structure Length	75 ft
(50) Curb or Sidewalk Width	
Left	0 ft
Right	0 ft
(51) Bridge Roadway Width Curb to Curb	36 ft
(52) Deck Width Out to Out	38.8 ft
(32) Approach Roadway Width (W/Shoulders)	36.1 ft
(33) Bridge Median	0 - No median
(34) Skew	0 Deg
(35) Structure Flared	0 - No flare
(10) Inventory Route Min Vert Clear	99.99 ft
(47) Inventory Route Total Horiz Clear	36.7 ft
(53) Min Vert Clear Over Bridge Rdwy	99.99 ft
(54) Min Vert Underclear	0 ft
Ref:	
(55) Min Lat Underclear RT	99.9 ft
Ref:	
(56) Min Lat Underclear LT	0 ft
NAVIGATION DATA	
(38) Navigation Control	0 - No navigation control on w
(111) Pier Protection	1 - Navigation protection not
(39) Navigation Vertical Clearance	0 ft
(116) Vert-Lift Bridge Nav Min Vert Clear	0 ft
(40) Navigation Horizontal Clearance	0 ft

CLASSIFICATION	
(112) NBIS Bridge Length	Y
(104) Highway System	0
(26) Functional Class	6 - Rural Minor Arterial
(100) Defense Highway	0 - The inventory route is not
(101) Parallel Structure	N - No parallel structure exists
(102) Direction of Traffic	2 - way traffic
(103) Temporary Structure	
(105) Federal Lands Highways	0 - N/A
(110) Designated National Network	0 - The inventory route is not
(20) Toll	3 - On free road. The structure
(21) Maintain	1 - State Highway Agency
(22) Owner	1 - State Highway Agency
(37) Historical Significance	5 - Bridge is not eligible for
CONDITION	
(58) Deck	7
(59) Superstructure	7
(60) Substructure	8
(61) Channel & Channel Protection	8
(62) Culverts	N
LOAD RATING AND POSTING	
(31) Design Load	5 - MS 18 / HS 20
(63) Operating Rating Method	3
(64) Operating Rating	
Type	3 - Load and Resistance Factor(LRFR)
Rating	25
(65) Inventory Rating Method	3 - Load and Resistance Factor
(66) Inventory Rating	
Type	
Rating	20
(70) Bridge Posting	5 - Equal to or above legal loads
(41) Structure Open/Posted/Closed	A - Open, no restriction
APPRAISAL	
(67) Structural Evaluation	5
(68) Deck Geometry	6
(69) Clearances, Vertical/Horizontal	N
(71) Waterway Adequacy	8
(72) Approach Roadway Alignment	8
(36A) Bridge Railings	1 - Inspected feature meets current
(36B) Transitions	1 - Inspected feature meets current
(36C) Approach Guardrail	1 - Inspected feature meets current
(36D) Approach Guardrail Ends	1 - Inspected feature meets current
(113) Scour Critical Bridges	5 - Bridge foundations determined t
PROPOSED IMPROVEMENTS	
(75) Type of Work	
(76) Length of Structure Improvement	0 ft
(94) Bridge Improvement Cost	\$ 0
(95) Roadway Improvement Cost	\$ 0
(96) Total Project Cost	\$ 0
(97) Year of Improvement Cost Estimate	
(114) Future ADT	1916
(115) Year of Future ADT	2028

INSPECTIONS *			
(90) Inspection Date	08/11/2022		
(91) Frequency	24		
(92) Critical Feature Inspection	Done	Freq. (Mon)	Date
A: Fracture Critical Detail	No		
B: Underwater Inspection	No		
C: Other Special Inspection			
* The inspection date and frequency information in this box contains the current NBI date and frequency information. Please refer to the report header for the date this inspection was conducted.			



Asset #06530(Routine)

District: 07, County: 11 - Bradley County

Team Lead: Rickie Bratton, Inspection Date: 08/11/2022

General Observation (False)

Logged northeast to southwest.

51 - Bridge Roadway Width Curb-To-Curb (36)

09/28/2020 JPR -- Bridge Roadway Width Curb-to-Curb = 36.0' per plans

52 - Deck Width (38.8)

09/28/2020 JPR -- Deck Width = 38.84' per plans or 38.8'

A-46 - Asset Files

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US 63 S-17 LM14.62 over BRANCH L'AIGLE CR

Location: 0.4 MI S INTER SH 160

Team Lead: Rickie Bratton, **Inspection Date:** 08/11/2022

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	2913	2672	241	0	0
1120	Efflorescence/Rust Staining	SF	37	0	37	0	0
1130	Cracking (RC and Other)	SF	204	0	204	0	0
(16) Deck- Longitudinal and diagonal cracks. Max 0.035. Soffit- span 2 diagonal cracks with efflorescence, spans 1 and 3 longitudinal and diagonal cracks with efflorescences. 09/28/2020 JPR -- Reinforced Concrete Top Flange = (75' x 38.84' = 2913 sq.ft.) per plans.							
110	Reinforced Concrete Open Girder/Beam	LF	375	375	0	0	0
(110) 09/28/2020 JPR -- Reinforced Concrete Open Girder/Beam = (75' x 5 = 375' of girders) per plans.							
215	Reinforced Concrete Abutment	LF	112	112	0	0	0
(215) 09/28/2020 JPR -- Reinforced Concrete Abutments = (35.92' + 20' = 55.92" x 2 = 111.84' or 112') per plans.							
227	Reinforced Concrete Pile	EA	10	10	0	0	0
(227) 09/28/2020 JPR -- Reinforced Concrete Pile = (5 pile/bent x 2 bents = 10 piles) per plans.							
234	Reinforced Concrete Pier Cap	LF	78	78	0	0	0
(234) 09/28/2020 JPR -- Reinforced Concrete Pier Caps = (39' x 2 + 78' of caps) per plans.							
301	Pourable Joint Seal	LF	78	78	0	0	0
(301) 09/28/2020 JPR -- Pourable Joint Seal = (38.84 x 2 = 77.68' or 78') per plans.							
331	Reinforced Concrete Bridge Railing	LF	150	150	0	0	0
(331) 09/28/2020 JPR -- Reinforced Concrete Bridge Railing = (75' x 2 = 150' of bridge railing) per plans.							

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Deck

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
16	Reinforced Concrete Top Flange	SF	2913	2672	241	0	0
1120	Efflorescence/Rust Staining	SF	37	0	37	0	0
1130	Cracking (RC and Other)	SF	204	0	204	0	0
(16) Deck- Longitudinal and diagonal cracks. Max 0.035. Soffit- span 2 diagonal cracks with efflorescence, spans 1 and 3 longitudinal and diagonal cracks with efflorescences. 09/28/2020 JPR -- Reinforced Concrete Top Flange = (75' x 38.84' = 2913 sq.ft.) per plans.							

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Substructure

ELEMENTS	DESCRIPTION	UNITS	TOTAL	CS1	CS2	CS3	CS4
215	Reinforced Concrete Abutment	LF	112	112	0	0	0
(215) 09/28/2020 JPR -- Reinforced Concrete Abutments = (35.92' + 20' = 55.92" x 2 = 111.84' or 112') per plans.							
227	Reinforced Concrete Pile	EA	10	10	0	0	0
(227) 09/28/2020 JPR -- Reinforced Concrete Pile = (5 pile/bent x 2 bents = 10 piles) per plans.							
234	Reinforced Concrete Pier Cap	LF	78	78	0	0	0
(234) 09/28/2020 JPR -- Reinforced Concrete Pier Caps = (39' x 2 + 78' of caps) per plans.							



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Culvert

ELEMENTS	DESCRIPTION	UNITS	TOTAL				
				CS1	CS2	CS3	CS4



Elevation.



Approach roadway



Typical deck crack .040



Deck overview



Underside



Deck



Roadway



Approach roadway.



Soffit, span 3 bay 4, diagonal crack with efflorescence.



Deck overview.



Span 1, longitudinal cracks, max 0.035.



Elevation



Profile



Span 2 soffit overview



Span 1 soffit cracks with efflorescence, common all spans.



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Maintenance Needs



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Routine Maintenance

Check Box Maintenance Items

Type of Maintenance	Is recommended?
A-54 - Sealable Deck Cracks	
A-55 - Deck Washing Needed	
A-56 - Joint Cleaning/Flushing Needed	
A-57 - Beam End and Bearing Paint Needed	
A-58 - Cap Cleaning/Flushing Needed	
A-59 - Joint Repair Needed	
A-60 - Full Beam Painting Needed	
A-61 - Polymer Overlay Advised	
A-62 - Hydro and LMC Advised	



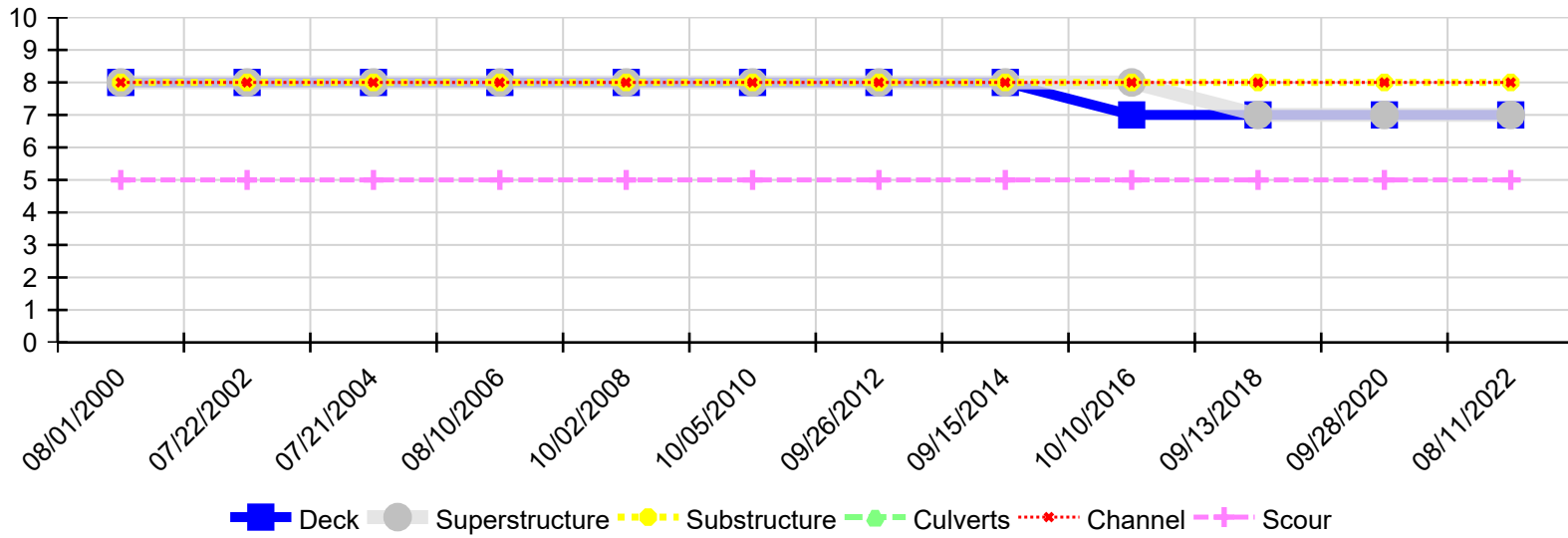
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Condition History



Inspection Date	Deck	Superstructure	Substructure	Culverts	Channel	Scour
08/11/2022	7	7	8	N	8	5
09/28/2020	7	7	8	N	8	5
09/13/2018	7	7	8	N	8	5
10/10/2016	7	8	8	N	8	5
09/15/2014	8	8	8	N	8	5
09/26/2012	8	8	8	N	8	5
10/05/2010	8	8	8	N	8	5
10/02/2008	8	8	8	N	8	5
08/10/2006	8	8	8	N	8	5
07/21/2004	8	8	8	N	8	5
07/22/2002	8	8	8	N	8	5
08/01/2000	8	8	8	N	8	5